

Title (en)

Constant force mechanisms for regulating restriction devices

Title (de)

Konstantkraftmechanismen zur Regelung von Drosselungsvorrichtungen

Title (fr)

Mécanismes de force constante pour la régulation de dispositifs de restriction

Publication

EP 2074970 B1 20110323 (EN)

Application

EP 08254158 A 20081224

Priority

US 96532207 A 20071227

Abstract (en)

[origin: EP2074970A1] Devices are provided for regulating a restriction system. In one exemplary embodiment, a restriction system (10) is provided having a restriction device (20) coupled to a port (70) with a fluid disposed therein, such that the restriction device is adapted to form a restriction in a pathway corresponding to an amount of fluid contained therein, and a pressure adjustment unit (30) in communication with the port (70) and effective to maintain a substantially constant equilibrium pressure between the pressure adjustment unit and the restriction device. The pressure adjustment unit is configured to regulate an amount of fluid in the restriction device in response to a fluid pressure acting thereon.

IPC 8 full level

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CPC (source: EP US)

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Cited by

WO2011139505A1; WO2012125698A1; AU2011248893B2; WO2012110623A1; WO2011137001A1; WO2011106210A1; WO2011100452A1; WO2010059381A1; WO2012125694A2; WO2012125700A2; WO2012125700A3

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